

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092021\
 Data File : VV022223.D
 Acq On : 20 Sep 2021 11:29
 Operator : SY/MD
 Sample : M3787-11DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 04:42:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 21 04:41:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

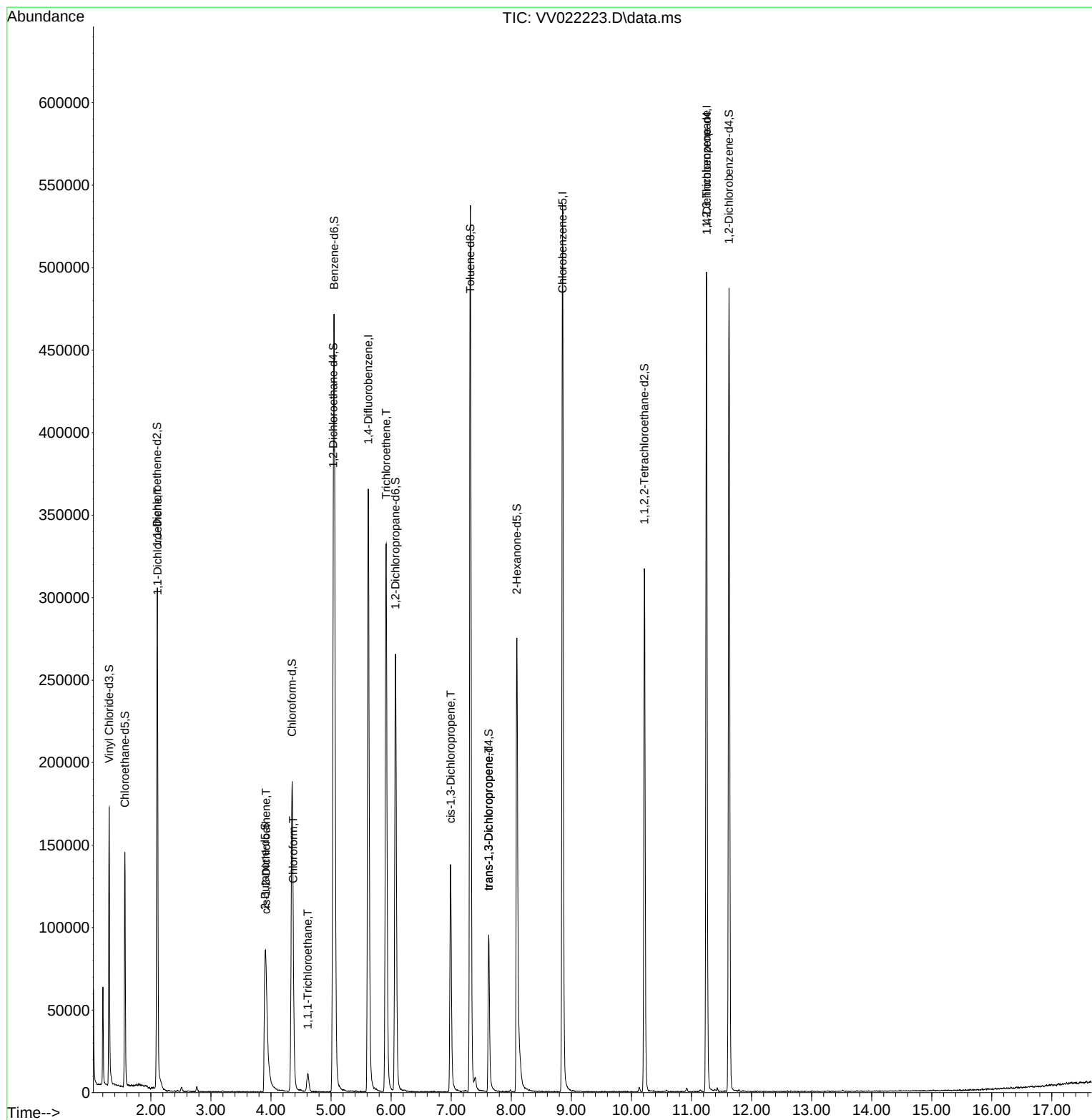
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	330173	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	312302	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	133605	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	112733	49.304	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	98.600%	
7) Chloroethane-d5	1.568	69	89470	50.107	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	100.220%	
11) 1,1-Dichloroethene-d2	2.105	63	156591	41.410	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.820%	
21) 2-Butanone-d5	3.902	46	162147	103.403	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	103.400%	
24) Chloroform-d	4.352	84	196867	47.220	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.440%	
26) 1,2-Dichloroethane-d4	5.037	65	122618	49.931	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.860%	
32) Benzene-d6	5.053	84	411899	48.626	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.260%	
36) 1,2-Dichloropropane-d6	6.072	67	129018	48.432	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	96.860%	
41) Toluene-d8	7.320	98	364383	45.570	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.140%	
43) trans-1,3-Dichloroprop...	7.625	79	57547	45.387	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.780%	
47) 2-Hexanone-d5	8.092	63	95369	93.303	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	93.300%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	152960	44.833	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.660%	
66) 1,2-Dichlorobenzene-d4	11.625	152	131764	50.167	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.340%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	2404	1.262	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	7860	3.067	ug/L	93
25) Chloroform	4.372	83	2514	0.579	ug/L #	61
30) 1,1,1-Trichloroethane	4.613	97	8671	2.336	ug/L	97
34) Trichloroethene	5.918	95	111928	43.489	ug/L	98
39) cis-1,3-Dichloropropene	6.992	75	3399	0.935	ug/L #	60
44) trans-1,3-Dichloropropene	7.625	75	2398	0.709	ug/L	90
61) 1,2,3-Trichloropropane	11.249	75	14675	6.338	ug/L #	66

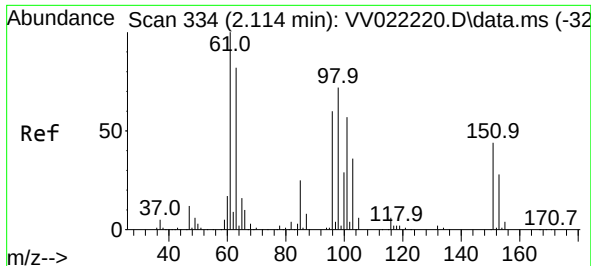
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 21 04:41:26 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.262 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV022223.D

Acq: 20 Sep 2021 11:29

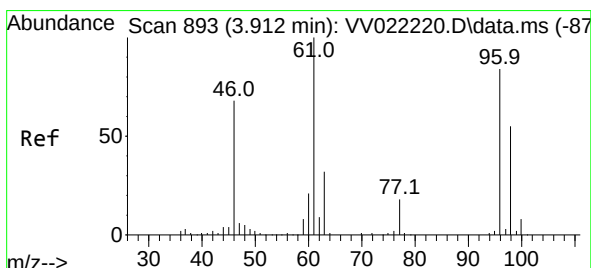
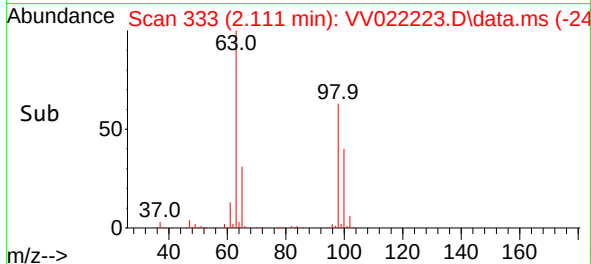
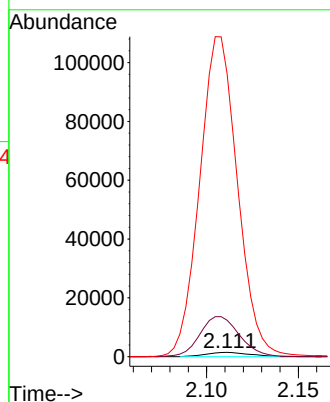
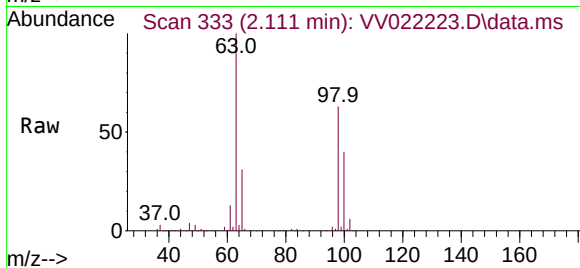
Tgt Ion: 96 Resp: 2404

Ion Ratio Lower Upper

96 100

61 843.2 113.2 210.2#

63 6550.7 102.3 189.9#



#20

cis-1,2-Dichloroethene

Concen: 3.067 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.003 min

Lab File: VV022223.D

Acq: 20 Sep 2021 11:29

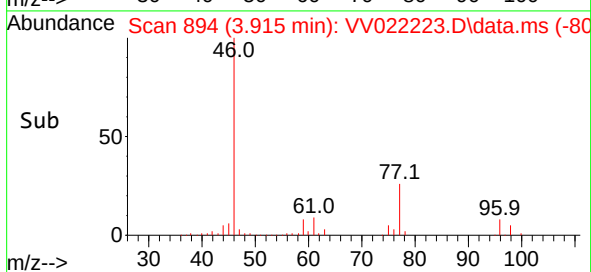
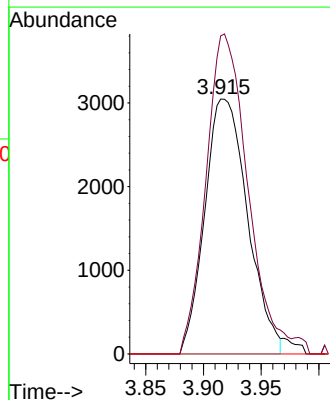
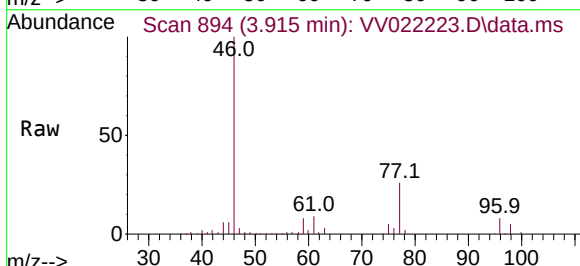
Tgt Ion: 96 Resp: 7860

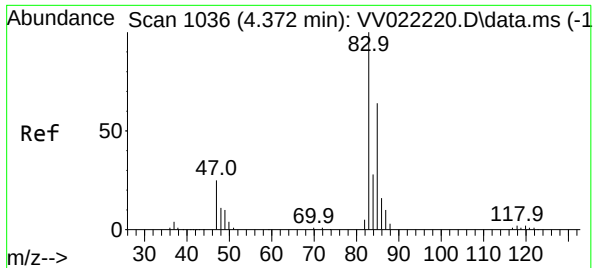
Ion Ratio Lower Upper

96 100

61 124.8 81.8 152.0

68 0.0 0.0 0.0

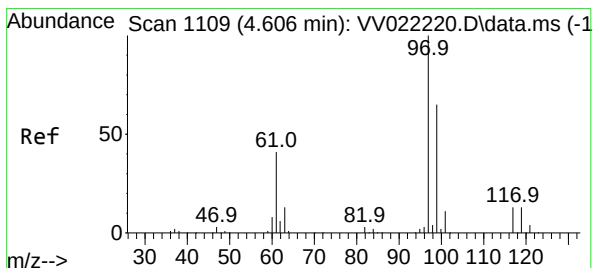
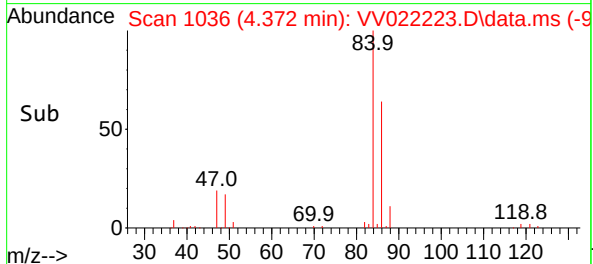
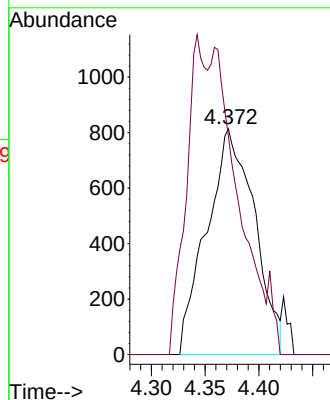
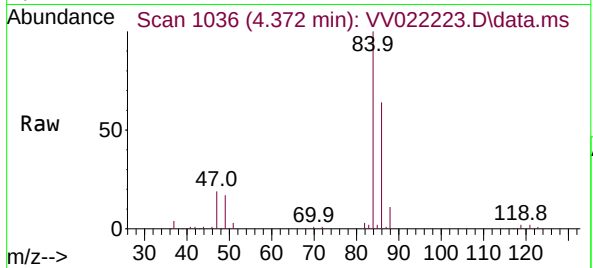




#25
Chloroform
Concen: 0.579 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV022223.D
Acq: 20 Sep 2021 11:29

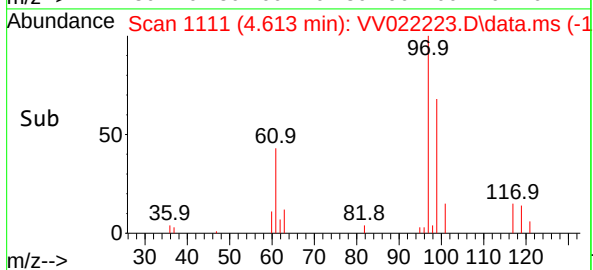
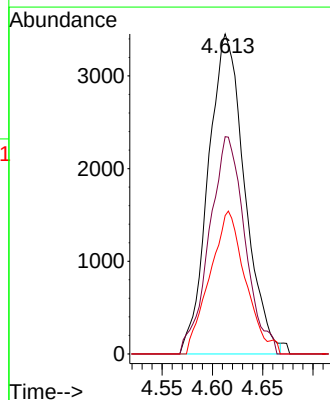
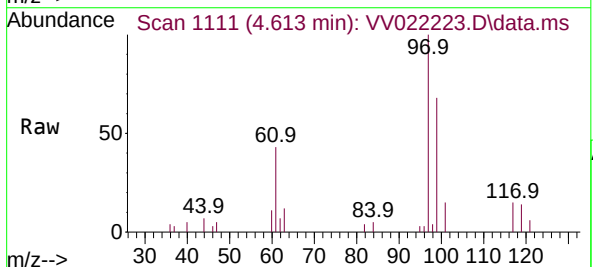
Instrument :
MSVOA_V
ClientSampled :

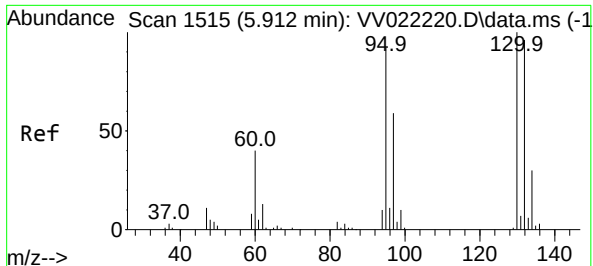
Tgt Ion: 83 Resp: 2514
Ion Ratio Lower Upper
83 100
85 96.9 46.3 85.9#



#30
1,1,1-Trichloroethane
Concen: 2.336 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV022223.D
Acq: 20 Sep 2021 11:29

Tgt Ion: 97 Resp: 8671
Ion Ratio Lower Upper
97 100
99 66.5 52.0 78.0
61 42.9 31.8 47.8





#34

Trichloroethene

Concen: 43.489 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV022223.D

Acq: 20 Sep 2021 11:29

Tgt Ion: 95 Resp: 111928

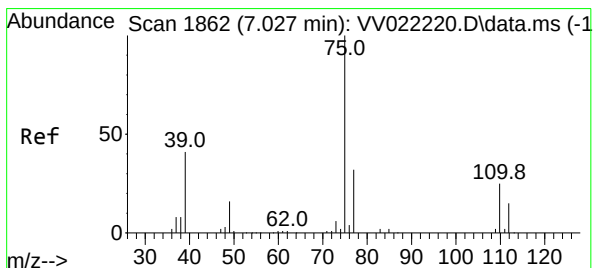
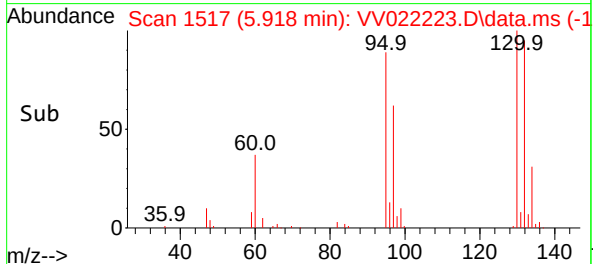
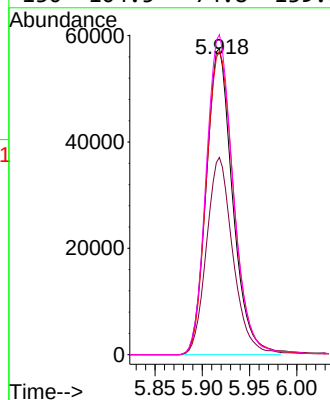
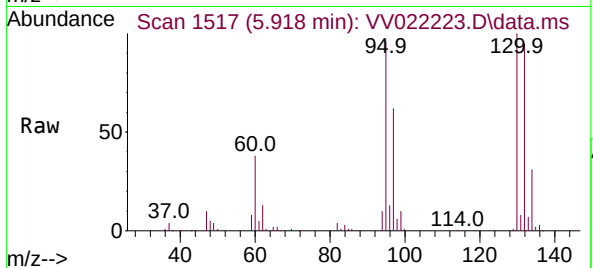
Ion Ratio Lower Upper

95 100

97 64.4 44.1 81.9

132 99.1 70.7 131.3

130 104.5 74.8 139.0



#39

cis-1,3-Dichloropropene

Concen: 0.935 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV022223.D

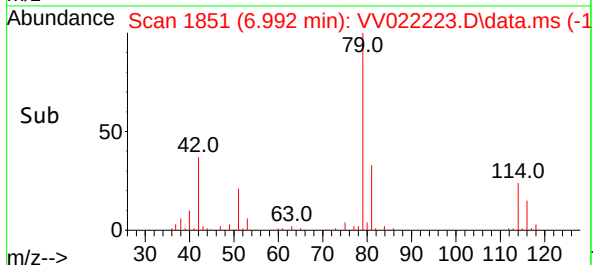
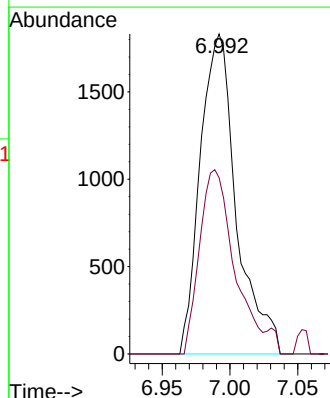
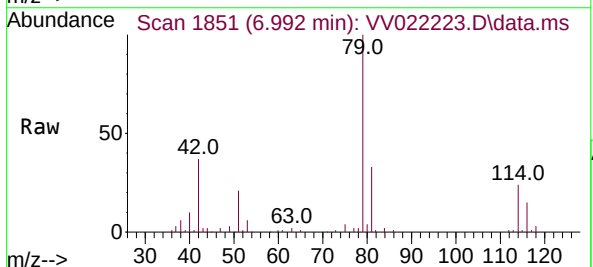
Acq: 20 Sep 2021 11:29

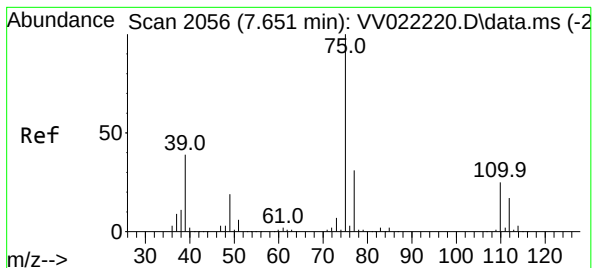
Tgt Ion: 75 Resp: 3399

Ion Ratio Lower Upper

75 100

77 55.1 22.7 42.1#



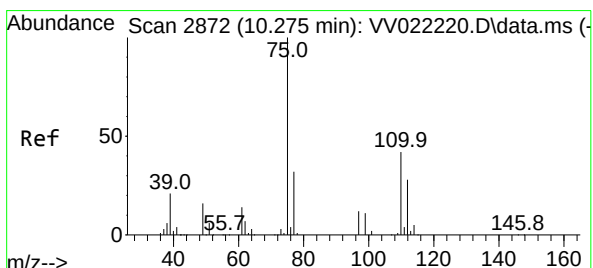
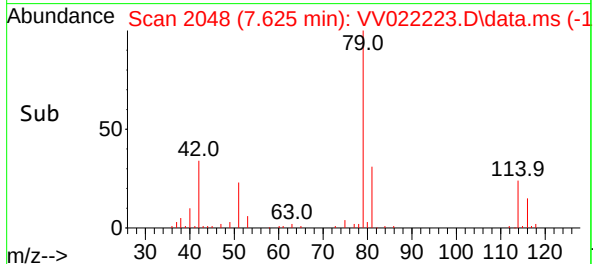
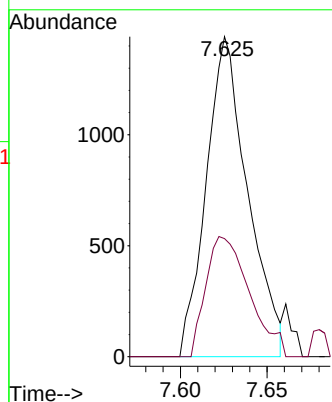
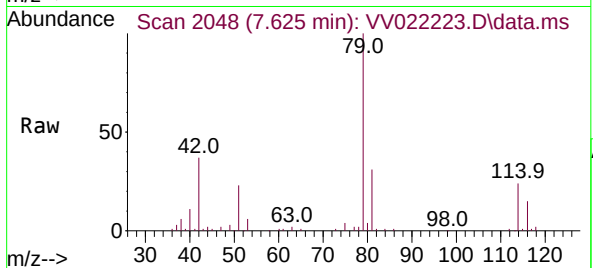


#44

trans-1,3-Dichloropropene
Concen: 0.709 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022223.D
Acq: 20 Sep 2021 11:29

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 2398
Ion Ratio Lower Upper
75 100
77 36.9 21.8 40.6



#61

1,2,3-Trichloropropane
Concen: 6.338 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022223.D
Acq: 20 Sep 2021 11:29

Tgt Ion: 75 Resp: 14675
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 3.7 33.8 50.6#

